



P A T E N T  
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OPIOID RECEPTOR GENES

Abstract of the Disclosure

Genes encoding opioid receptors (including  
opioid-like receptor (ORL) proteins) can be retrieved from  
5 vertebrate libraries using the murine probe disclosed  
herein under low-stringency conditions. The DNA sequence  
shown in Figure 5 or its complement can be used to obtain  
the human delta, kappa and mu genes as well as the murine  
mu gene and human ORL-1. The probe provided encodes the  
10 murine delta opioid receptor.